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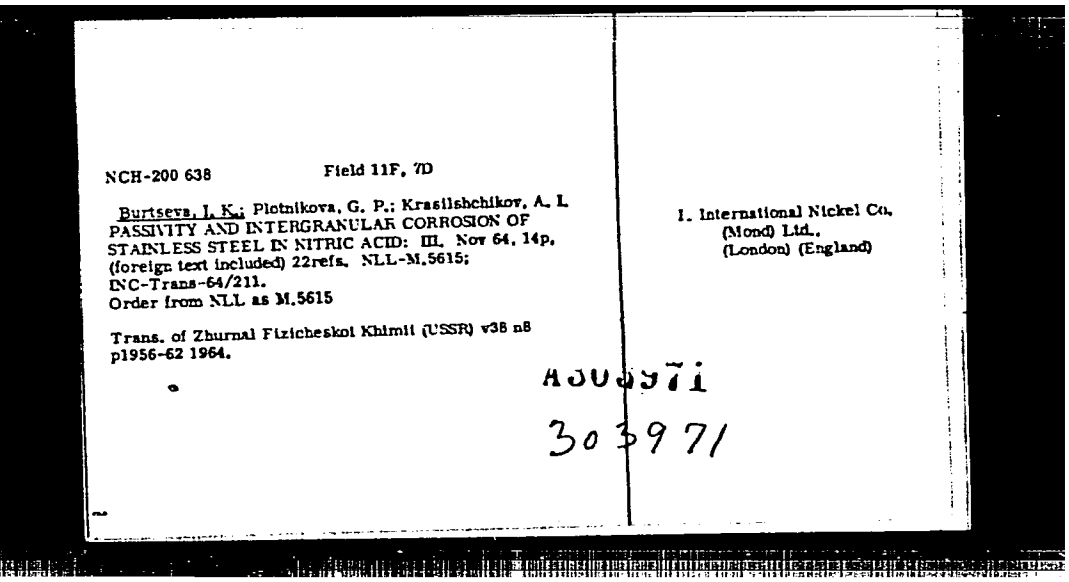

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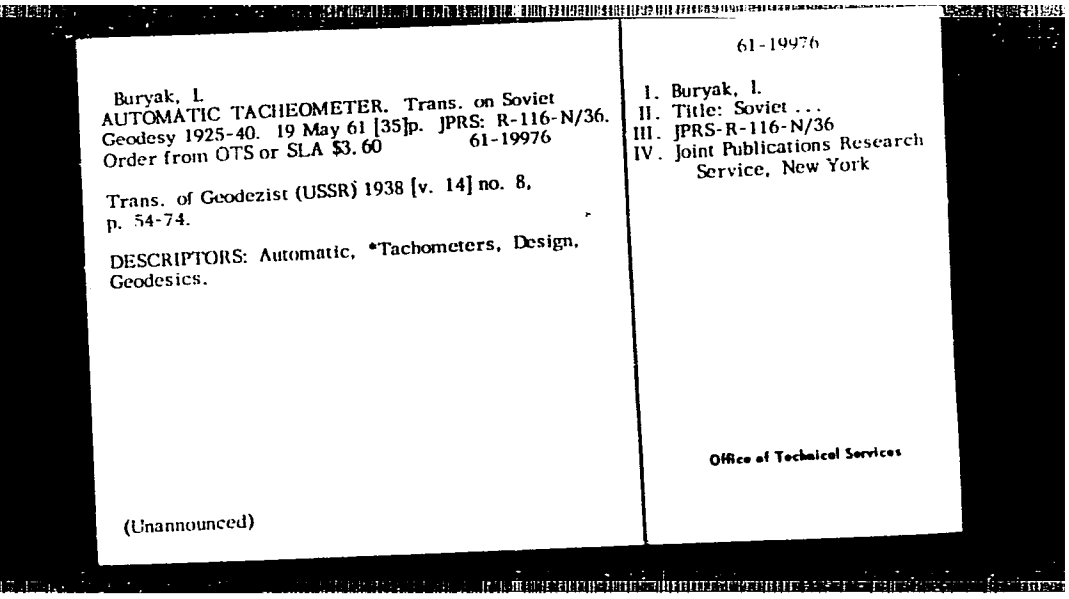

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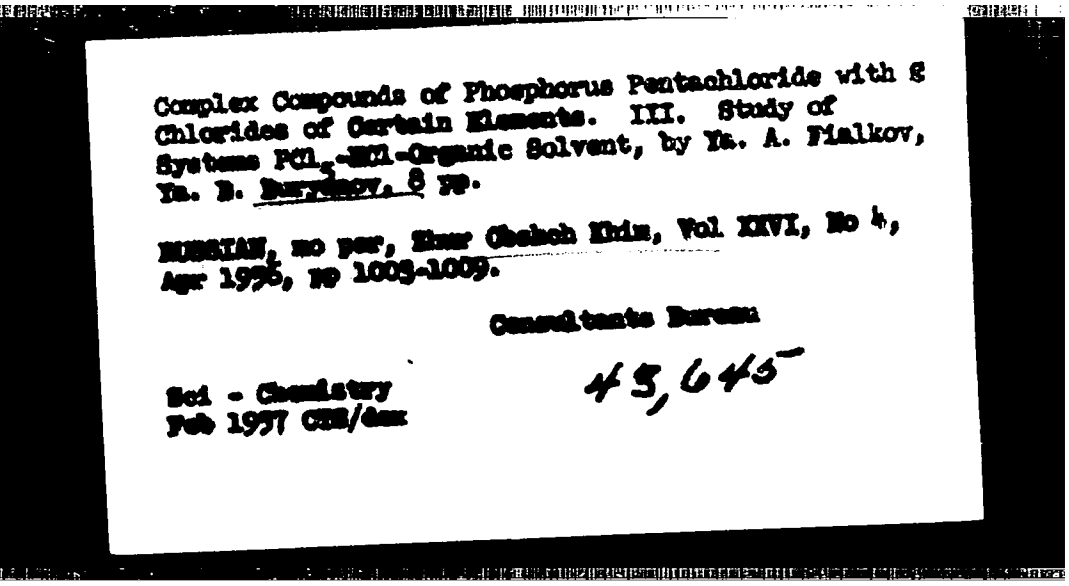

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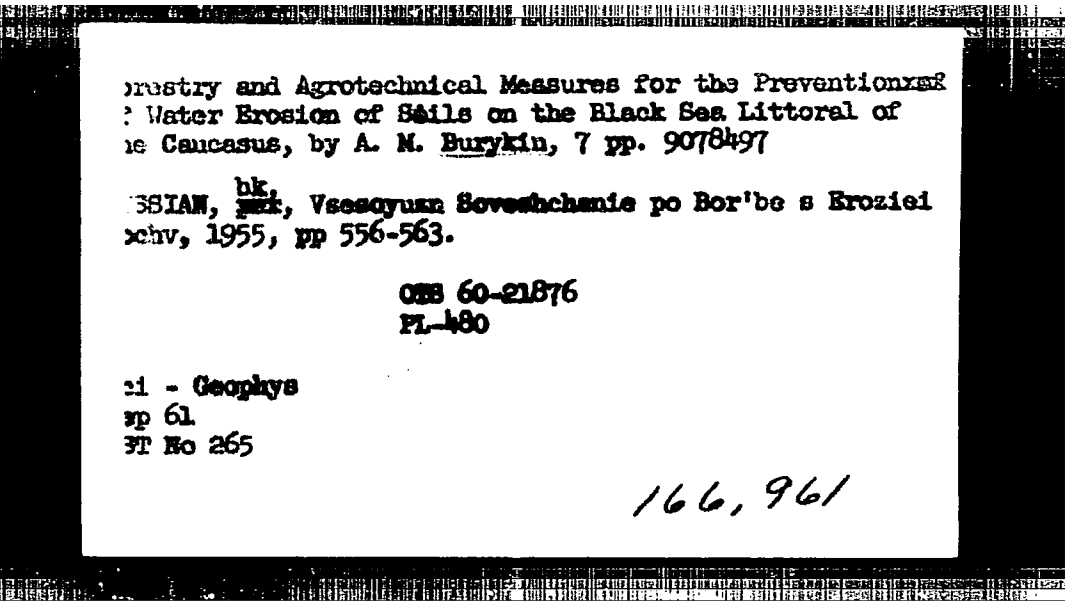

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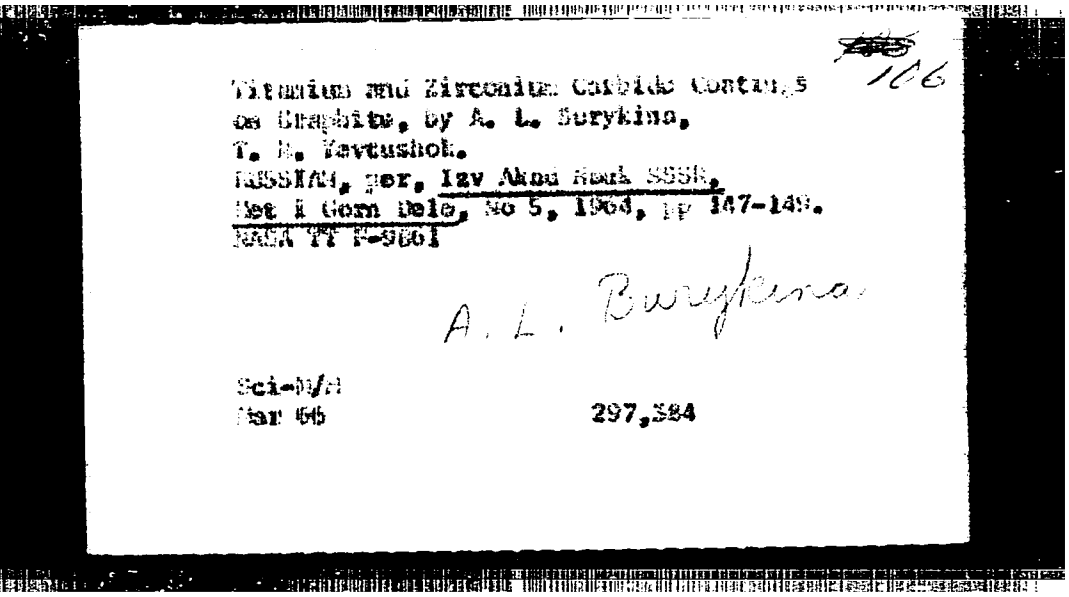

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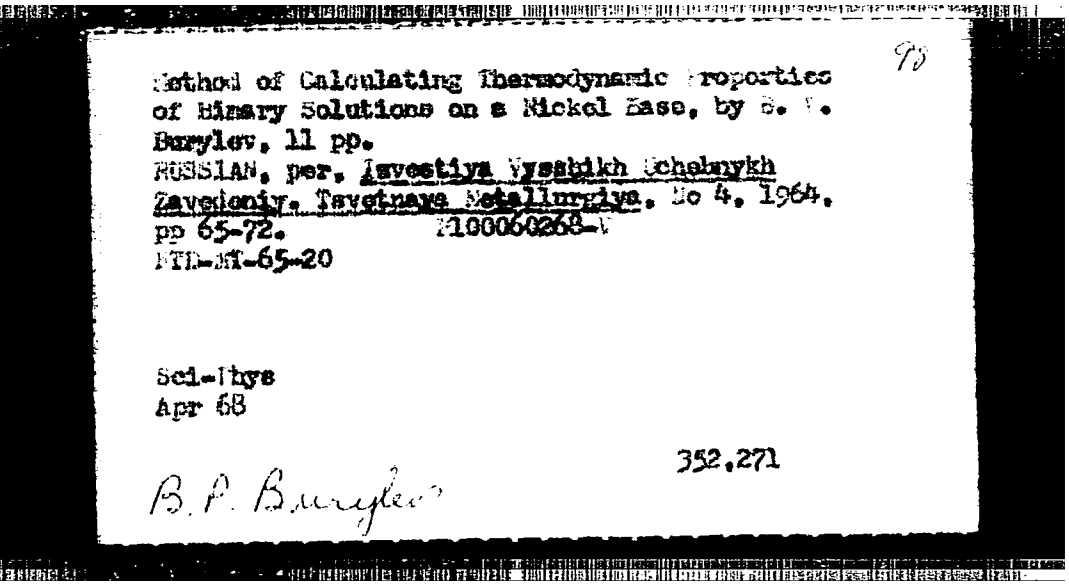

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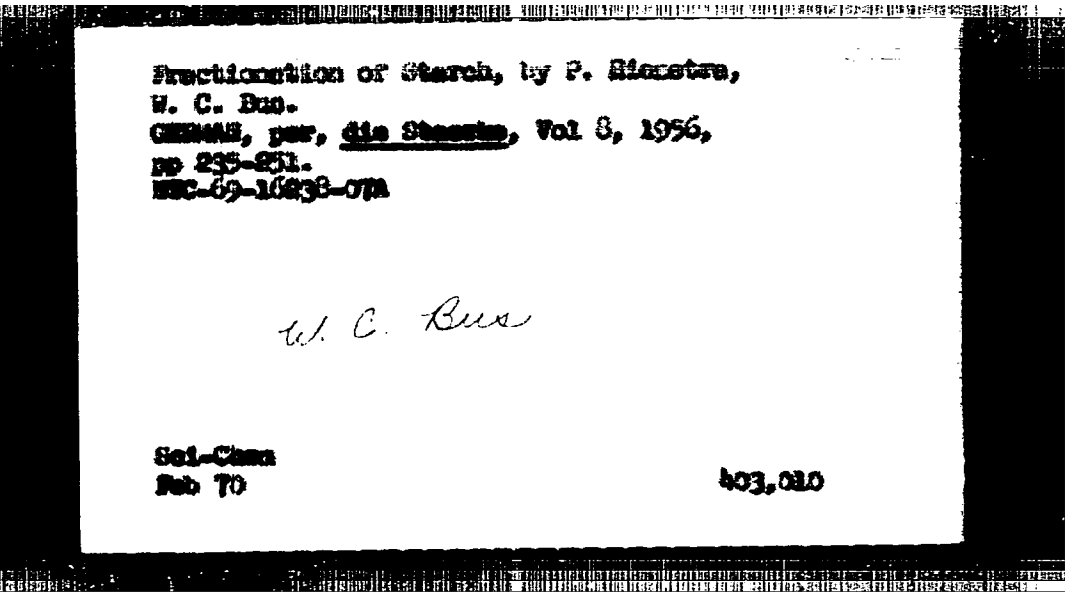

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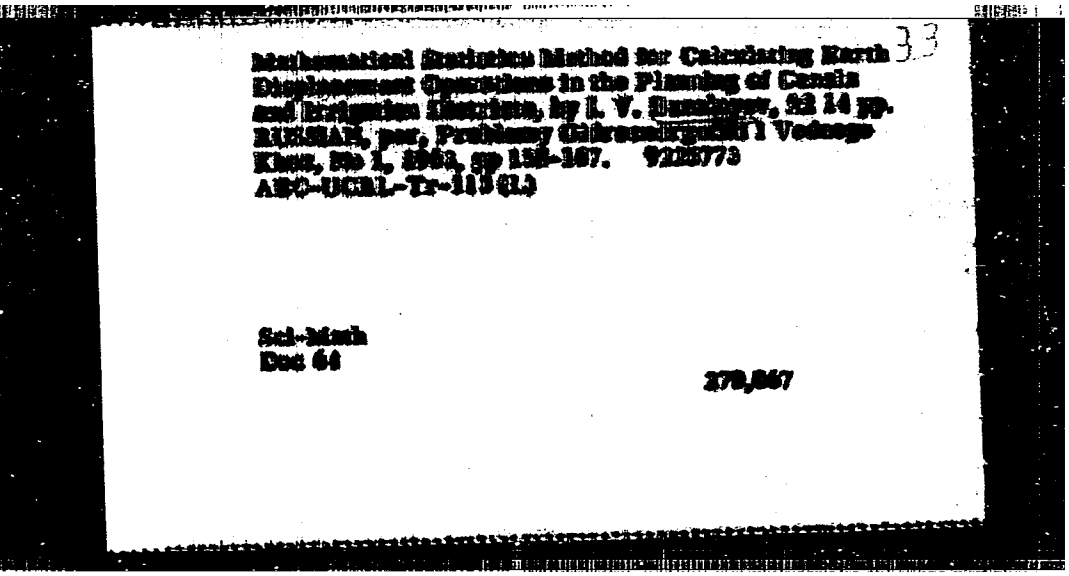

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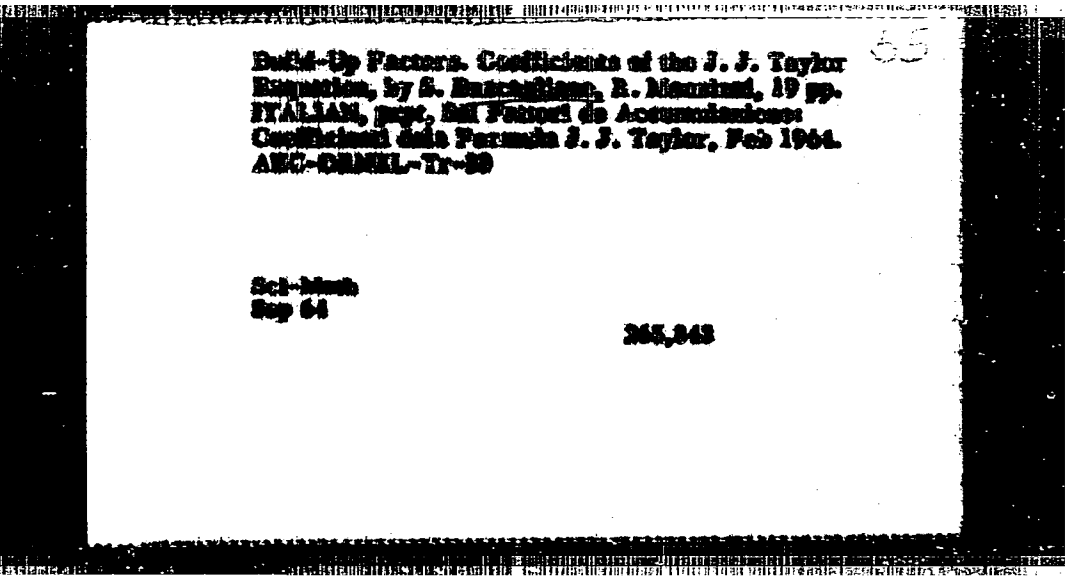

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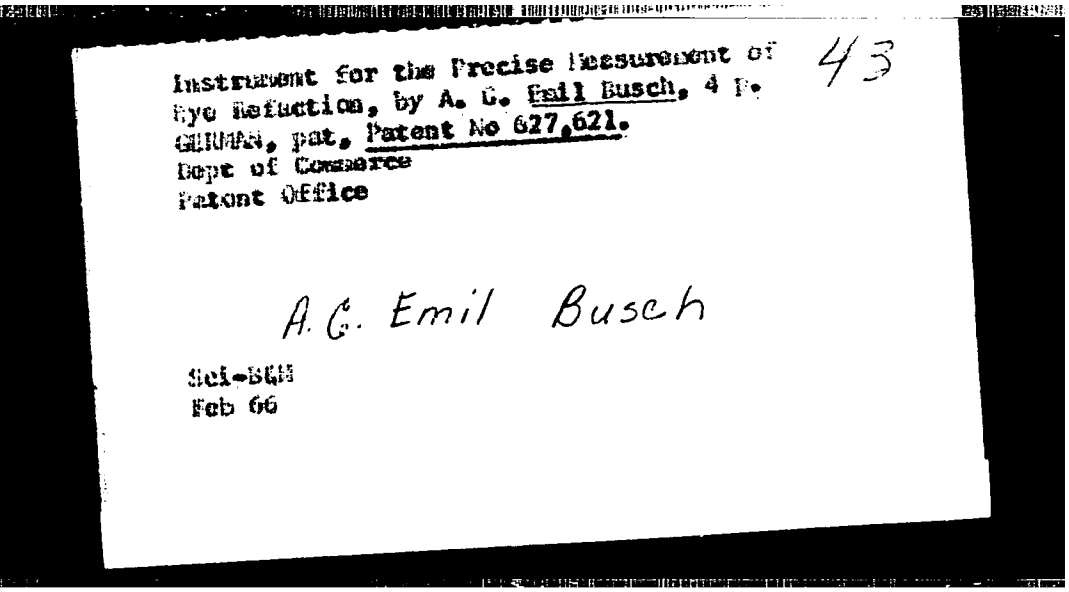

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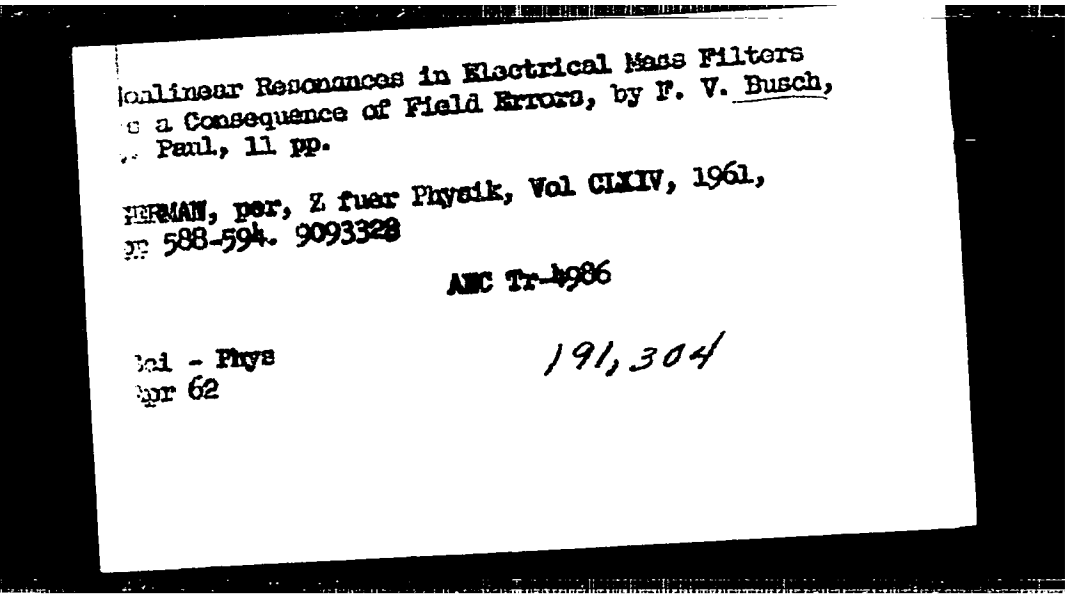

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NASA TT F-10,390

G Busch

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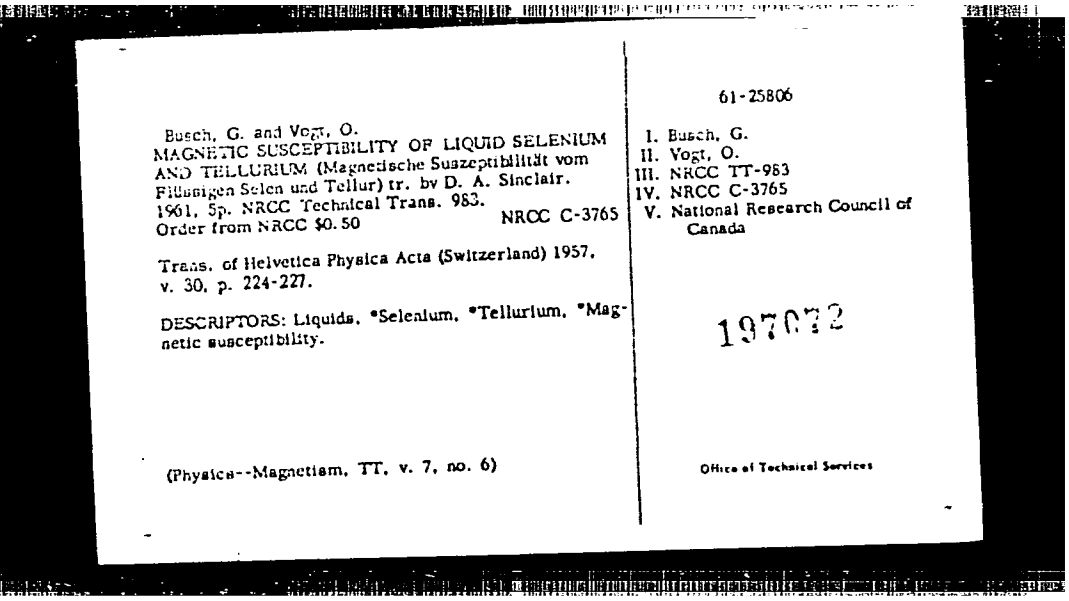

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MAGNETIC SUSCEPTIBILITY OF LIQUID SELENIUM AND TELLURIUM (Magnetische Suszeptibilität vom Flüssigen Selen und Tellur) tr. by D. A. Sinclair. 1961, 5p. NRCC Technical Trans. 983.
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DESCRIPTORS: Liquids, *Selenium, *Tellurium, *Magnetic susceptibility.

(Physics--Magnetism, TT, v. 7, no. 6)

61-25806

I. Busch, G.
II. Vogt, O.
III. NRCC TT-983
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197072

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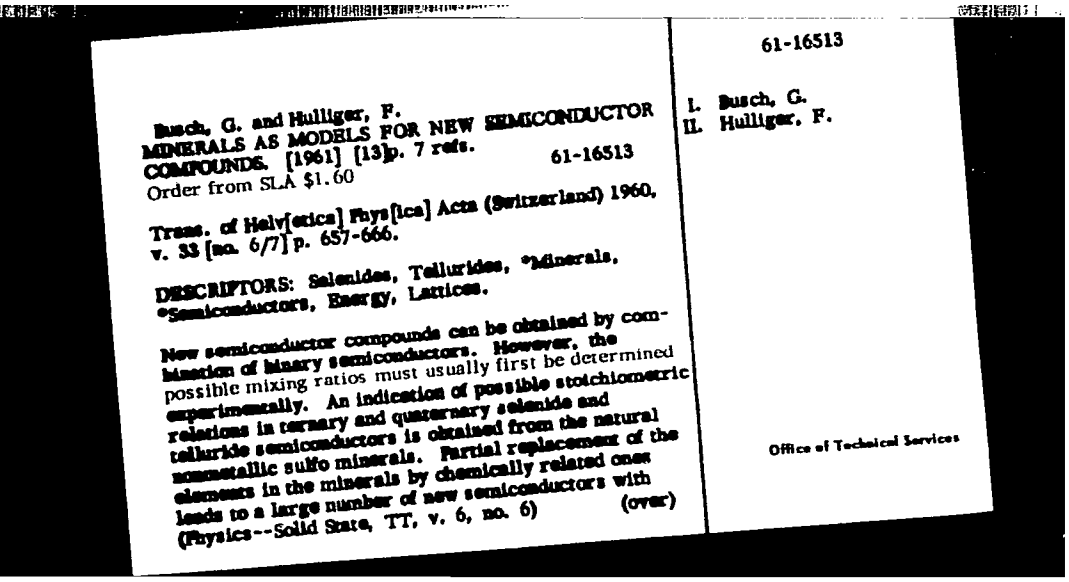

Busch, G. and Hulliger, F.
MINERALS AS MODELS FOR NEW SEMICONDUCTOR COMPOUNDS. [1961] [13]p. 7 refs. 61-16513
Order from SLA $1.60

Trans. of Helv[etica] Phys[ica] Acta (Switzerland) 1960, v. 33 [no. 6/7] p. 657-666.

DESCRIPTORS: Selenides, Tellurides, *Minerals, *Semiconductors, Energy, Lattices.

New semiconductor compounds can be obtained by combination of binary semiconductors. However, the possible mixing ratios must usually first be determined experimentally. An indication of possible stoichiometric relations in ternary and quaternary selenide and telluride semiconductors is obtained from the natural nonmetallic sulfo minerals. Partial replacement of the elements in the minerals by chemically related ones leads to a large number of new semiconductors with
(Physics--Solid State, TT, v. 6, no. 6) (over)

61-16513

I. Busch, G.
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ACSIL 1057

Sci - Chem; Phys
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ACSIL 1010

Sci - Phys
Oct 58

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S.L.A. Tr 57-263

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SLA 3262

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ELECTRICAL RESISTIVITY AND HALL EFFECT IN MOLTEN METALS AND SEMICONDUCTORS (Resistivité Electrique et Effet Hall de Métaux et Semiconducteurs Fondus) D. A. Sinclair, tr. 1963, 81p 66refs NRC Technical Trans. 1099.
Order from NRC $2.00 NRC-C-4588

Trans. of Phys[ik der] Kondens[ierten] Materie (West Germany) 1963, v. 1, p. 78-104. (Abstract available)

DESCRIPTORS: *Liquid metals, Melting, *Semiconductors, *Resistance (Electrical), *Hall effect, Metals, High temperature research, Sodium, Zinc, Cadmium, Mercury, Gallium, Germanium, Antimony, Tellurium, Impurities, Bismuth, Alloys.

An apparatus is described for measuring the Hall effect (Physics--Solid State, TT, v. 11, no. 6) (over)

TT-64-12233

I. Busch, G.
II. Tieche, Y.
III. NRC-TT-1099
IV. NRC-C-4588
V. National Research Council of Canada, Ottawa

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SLA Tr 2532

Sci - Electricity, Physics 52, 354

Sep 57

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The Mechanism of Voltage Dependent Resistance, by A. Braun, G. Busch, 38 pp.

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SLA Tr 2273

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SLA Tr 57-966

Sci - Electricity, Physics 52, 355

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May 58

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Sci - Chemistry
Oct 57

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ACSIL Tr No 1282

Sci - Min/Metals, Phys

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Electrical Conductivity of Solid Solutions of Inter-
metallic Compounds, by C. Busch, U. Winkler, 11 pp.

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pp 578-583.

S.L.A. No 298/1956

Scientific - Physics

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70-13495-06E
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EXPERIENCES WITH THE USE OF DEEP FROZEN HOMOLOGOUS CORTICAL BONE CHIPS. Chirurg, v. 31, n. 7, p. 289-292, 1960. Figs., refs. omitted.
Order from NTC as 70-13495-06E: HC $ 7.60, MF $ 5.80.

Navy 2706/NMC 5527

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Does the Treatment With Colloidal Plasma Substitutes Endanger the Patient?, by H. Busch, 6 pp.
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CIA/FDD XX-1728
NO FOREIGN DISSEM

Sci
Jun 65
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The Mode of Operation of the Concentrating Coil in the Braun Tube, by H. Busch. 31 pp.

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S.L.A. Tr 57-32

Sci - Engineering
Apr 57

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Busch, Heinz.
A NEW FORM MATERIAL BINDER. [1963] 14p.
(figs. omitted) 1 ref.
Order from SLA $1.60 63-14637

Trans. of Giesserei (West Germany) 1955, v. 42, no. 8, p. 187-191.

DESCRIPTORS: *Binders, *Plastics, Oils, *Molding, Sand, Casting, Foundries, Mechanical properties, Economics, Steel, Castings, Adhesives, Material forming.

With the development of solidification oils on artificial resin base in the grades No. 1, 2 and 3 an attempt was made to combine the good properties of the solidification oils with those of the artificial resins and to employ them in steel foundries. The experiments achieved the goal of mass producing finished cores (Materials--Adhesives, TT, v. 10, no. 5) (over)

63-14637

1. Busch, H.

A242713

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Nat'l Coal Board Tr A 1038/DJS
U. S. Bureau of Mines
Central Experiment Station
Pittsburgh, Pa.

171,512

Sci - Geophys

Oct 61

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Truck Axle Box of New Design, by L. P. Bush, 2 pp.

RUSSIAN, bimo per, Tsement, No [illegible], Jul/Aug 1956, pp 26.

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Sci - Engineering
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Mar 57

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Busch, M. and Schmidt, Walter.
CATALYTIC HYDROGENATION OF ORGANIC HALOGEN COMPOUNDS. [1962] 15p.
Order from K-H $18.75 K-H 3411 c

Trans. of [Chemische] Ber[ichte] (West Germany) 1929, v. 62, p. 2612-2620.

DESCRIPTORS: *Halogen compounds, *Organic compounds, *Hydrogenation, *Catalysis.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12979

I. Busch, M.
II. Schmidt, W.
III. K-H-3411-c
IV. Kresge-Hooker Science Associates, Detroit, Mich.

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Catalytic Hydrogenation of Organic Halogen Compounds, by M. Busch, W. Schmidt, 15 pp.

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S.L.A. Tr No ~~57-131~~ 1851

Sci - Chemistry, organic
Apr 57

#6,862

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Busch, Norbert, Ebel, Jean Pierre, and Blanck, Monique.

POLY- AND METAPHOSPHATES. VII. APPLICATION OF ION-EXCHANGE CHROMATOGRAPHY TO THE ISOLATION OF CERTAIN POLYPHOSPHATES: TETRA-, PENTA-, HEXA-, HEPTA-, AND OCTA-PHOSPHATES, tr. by Bertha P. Klenova. 11 Dec 57, 6p. 16 refs. [No.] 3671.
Order from LC or SLA mi$1.80, ph$1.80 60-19173

Trans. of Soc[iété] Chim[ique de] France. Bull[etin] 1957, p. 486-487.

(Chemistry--Analytical, TT, v. 5, no. 4)

60-19173

1. Phosphates--Separation
2. Ion exchange resins--Applications
3. Chromatographic analysis--Applications

I. Busch, N.
II. Ebel, J. P.
III. Blanck, M.
IV. TVA-3671
V. Tennessee Valley Authority, Wilson Dam, Ala.
VI. Title: Application...

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1-16-61

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Busch, W. and Engelmeier, M. -P.
DORIDEN INTOXICATION. [1962] 8p.
Order from SLA $1.10 62-18175

Trans. of [der] Nervenarzt (Germany) 1959, v. 30, p. 516-518.

DESCRIPTORS: *Drugs, *Doriden, *Toxicity, Emotions, Reactions (Psychology).

(Biological Sciences--Pharmacology, TT, v. 9, no. 4)

62-18175

I. Title: Drug addiction
II. Busch, W.
III. Engelmeier, M. -P.

C227713

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APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100080018-0

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New Sizing Machines for Perlon and Nylon Yarns, by W. Busch, 7 pp. UNCLASSIFIED

Full translation.

GERMAN, Kunst, Reyon, Vol 29, No 3, 1951, pp 100-102.

CSF-337

Mfgr- Germany
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Fully Automatic Vacuum Steam Devices for Perlon, by W. Busch, 6 pp. UNCLASSIFIED

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GMT-336

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Jul 52 CTS

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A 1184

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Titanium Compounds in the Ceramic Industry, Part I,
by [redacted], 7 pp.
Werner Buach, Hilde Struss-Bollenbach

[redacted], per, Ber Deut Keram Ges, Vol XXIV, 1943,
pp 335-339.

S.L.A. Tr 76

Ger - Germany
Scientific - Engineering, Ceramics

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Titanium Compounds in the Ceramic Industry, Part II, The Opacification of Boron- and lead-free Glazes by Means of Titanium Dioxide, by [illegible], 14 pp.
Werner Busch, Hilde Strunz-Bollenbach
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S.L.A. Tr 79

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Scientific - Engineering, Ceramics

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Sulfur Isotope Investigations in the Meggen/Lenne (Germany) Pyrite-Sphalerite-Barite Deposit and in Different Devonian Evaporates, by F. Buschendorf, H. Nielsen, et al.
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AEC-tr-6943

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Sci-Ear Sci
August 68

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Effect of the Melanophore Hormone on the Adaptation of Human Eye to the Dark, by Wilhelm Buschke, 6 p.

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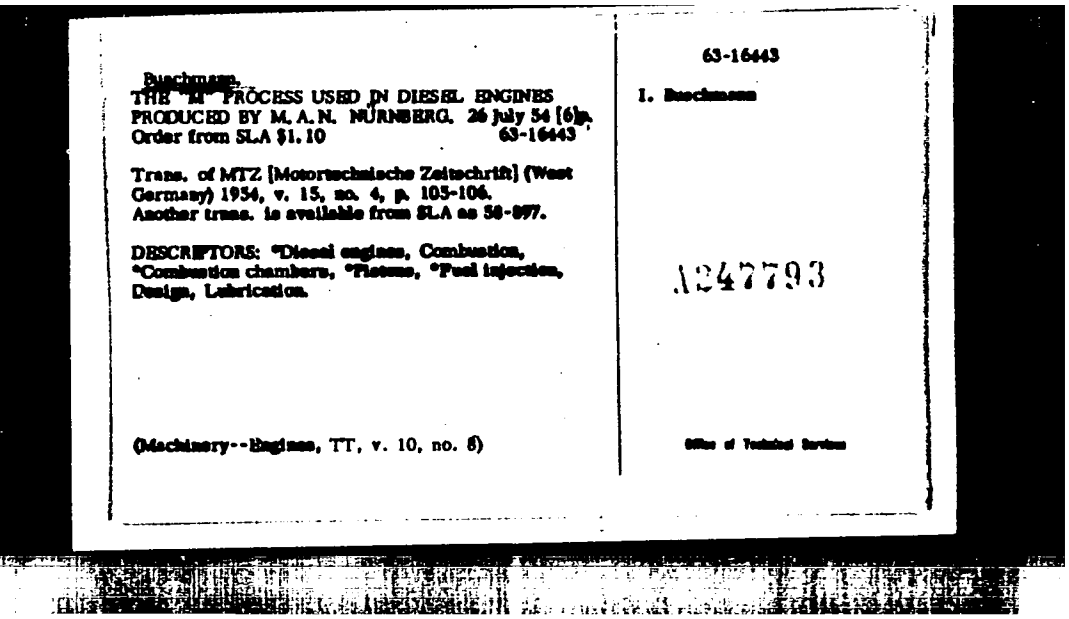

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Trans. of MTZ [Motortechnische Zeitschrift] (West Germany) 1954, v. 15, no. 4, p. 105-106.
Another trans. is available from SLA as 58-897.

DESCRIPTORS: *Diesel engines, Combustion, *Combustion chambers, *Pistons, *Fuel injection, Design, Lubrication.

(Machinery--Engines, TT, v. 10, no. 8)

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Buschmann, Karl.
THE MOUNTING OF ALL-STEEL CARD CLOTHING. [1961] 9p. (1 table figs. omitted).
Order from SLA $1.10 61-14551

Trans. of Textil-Praxis (West Germany) 1957, v. 12, no. 1, p. 17-25.

DESCRIPTORS: *Steel, *Clothing, Processing.

The mounting of all-steel clothing requires slightly more attention, experience and time than that of hook-clothing. This fact, however, is no obstacle for a card expert and does not prevent him from carrying it out in his own plant if the required devices are available. A faultless all-steel clothing represents precision work and deserves, therefore, careful treatment in the plant. This small effort, causing no extra costs, is compensated by the considerable economic advantages gained thereby. (Author)

(Materials, Textiles, TT, v. 6, no. 1)

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